INTERNATIONALSEARCHREPORT

International application No.
PCT/JP 2004/016181

A. CLASSIFICATIONOF SUBJECT MATTER			
Int.Cl' H01L21/3205, H01L21/288, H01L29/786, H01L21/336, B41J2/01			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)			
lnt.Cl ⁷ H	01L21/3205,H01L21/768,H01L21/288,	H01L29/786,H01L21/336,B41	
Japanese	on searched other than minimum documentation to the ex Utility Model Gazette 1922-1996, Japanese ons 1971-2005, Japanese Registered Utilit g the Utility Model 1996-2005	biblication of onexamined octa	e fields searched .ity Model apanese Gazette
Electronic da	ta base consulted during the international search (name of	data base and, where practicable, search terr	ms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
х	JP 2003-273097 A(SEIKO EPSO 2003.09.26, Whole document, A (Family:none)	N CORPORATION),	1,2,6-8
			·
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
	he priority date claimed actual completion of the international search	Date of mailing of the international search	ch report
19.01.2005		08. 2. 200	
Name and mailing address of the ISA/JP		Authorized officer	4L 3239
Japan Patent Office		HIDETADA MATSUSHIMA	
		Telephone No. +81-3-3581-1101 Ext. 3462	

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
o Chima Nee i			
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
i. Claims [1,2,6-8] have a technical feature that "performing a liquid-repellent treatment on a surface; performing selectively a lyophilic treatment on a region of the surface".			
performing selectively a lyophilic treatment on a region of the order of the performing a surface by a plasma ii. Claims [3-5] have a technical feature that "forming a liquid-repellent region by forming a film iii. Claims [9-13] have a technical feature that "forming a liquid-repellent region by forming a film			
containing fluorine on a surface".			
the steps of: performing a liquid-repetient treatment on a surface, positions			
treatment on a region of the surface". v. Claims [31-35] have a technical feature that "a droplet discharging method, using a treatment chamber having droplet discharging unit and light irradiation unit". A common technical feature of claims 1-35 is "performing a liquid-repellent treatment on a surface; A common technical feature of claims 1-35 is "performing a liquid-repellent treatment on a surface; performing selectively a lyophilic treatment on a region of the surface". However, since the technical feature is disclosed in JP 2003-273097 A(SEIKO EPSON CORPORATION), 2003.09.26, it appears not to be new. So these groups of inventions are not so linked as to form a single general inventive concept. There is no technical relationship among those inventions involving one or more of the same or corresponding technical			
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
· ·			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
claims 1,2,6-8			
Remark on Protest The additional search fees were accompanied by the applicant's protest.			
Remark on Protest The additional search fees were accompanied by the appreciate a protest. No protest accompanied the payment of additional search fees.			